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## ABSTRACT

An image sensing apparatus, which performs pixel shifting operation for shifting an image formation position of an image on an image sensing device using a lens capable shifting a light path and senses images at respective image formation positions, has a vibration sensor for detecting vibration. The lens is moved so as to cancel the vibration detected by the vibration sensor when performing pixel shifting operation. Since the shifting characteristics of the lens slightly changes depending upon states of zooming and focusing lenses, the lens is moved by a shift amount which is adjusted in accordance with the states of the zooming and focusing lens.